S.M.S.L

SA300

使用说明书

提示

- 请将本音响系统安装在通风良好、阴凉、干燥、干净的位置，远离直射阳光、热源、振动、灰尘、潮湿或寒冷。

- 本机的上面，请不要放置下列物品：
  - 其他装置。因为这样有可能会导致损坏或导致本机表面变色。
  - 可燃物品（例如蜡烛）。因为这样有可能导致火灾而损坏本机或造成人身伤害。
  - 装有液体的容器。因为有容器反倒，液体流淌的可能，如此有可能导致用户触电或损坏本机。

- 不要在本机上面覆盖报纸、台布、窗帘等，以免妨碍散热。如果本机内部温度过高，则有可能导致火灾、损坏本机或造成人身伤害。
  在使用开关、旋钮或缆线时，不要用力过猛。

- 只能使用本机指定的电压。使用高于指定数值的电压很危险，而且可能导致火灾、损坏本机或造成人身伤害。对于使用高于指定电压造成的任何损害双木三林将不负任何责任。

- 不要试图自行改造或修理本机。如果需要任何服务，请就近与有资格的双木三林维修人员联系。不管有任何理由，都没有打开机壳的必要。

- 如果打算长时间不使用本机（比如度假时），请从墙壁交流电源插座上断开电源线的连接。

- 为了加强对于本产品的保护，在雷电期间，或无人管理时以及长时间不使用时，请将电源线从墙壁上的电源插座上拔下。这样将防止该产品在闪电和电网出现电涌时受到损害。

技术参数

输入接口 .... USB，RCA，BT

THD+N 0.008%

信噪比 90dB

通道分离度 88dB

输出功率 .... 80Wx2(4Ω) / 40Wx2(8Ω)

消耗功率 .... 35W(正常音量)

待机功率 .... <0.5W

体积.. 70x73x188mm (WxHxD)

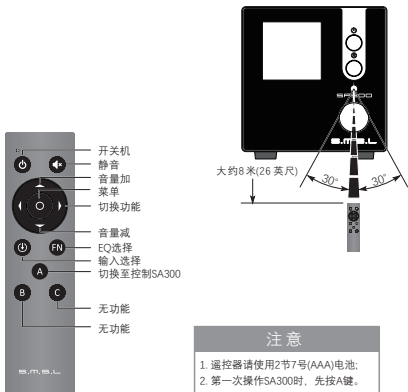重量(带包装)...1.2kg

产品特点

- 德国英飞凌新型碳化硅数字功率放大器芯片,更高质的同时,效率高达92%,进一步降低能耗;

- 使用了日本NJRC公司电子音量控制芯片NJW1194,精准的音量控制和超低的失真度;

- 32位384kHz的USB音频输入,并且支持免驱动使用;

- 超低音前级输出,用于连接有源超低音音箱,组成2.1音频系统;

- 内置多种EQ模式和高/低音调节功能,轻松匹配各种喇叭和音乐;

- 高通蓝牙5.0接收,支持APTX,更好的音质,更远的传输距离;

- 全铝合金CNC加工工艺,采用阳极氧化技术,做工精细,触感一流;

- 彩色显示屏和人性化操作系统简单易懂,配备全功能遥控功能;

- 具备满足欧盟最新ErP2标准的低功耗待机功能;

- 大量采用发烧级音频元件以提升主观听感;
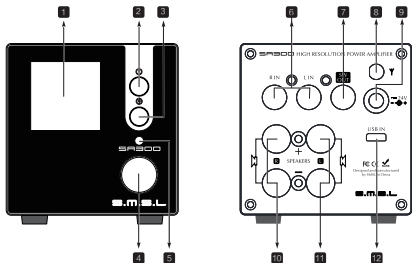
- 高品质镀金输入、输出端子;

- 完善的过热,过流等保护电路;

- 音频专用的高品质电源适配器。

关于遥控器

- 如果遥控器距离本机很近时操作仍无效，请用新电池更换。
- 如果要长时间不使用遥控器，请取出遥控器的电池。
- 按照电池处置的地方性法规处置废旧电池。

遥控器使用工作范围

开关机
静音
音量加
菜单
切换功能
音量减
EQ选择
输入选择
切换至控制SA300
无功能
无功能

大约8米(26 英尺)

30°   30°

注　意
1. 遥控器请使用2节7号(AAA)电池;
2. 第一次操作SA300时，先按A键。

显示界面和操作介绍

1 显示屏   2 电源按键   3 输入选择按键
4 旋钮   5 红外遥控接收窗   6 线路输入
7 超低音输出*   8 蓝牙天线   9 电源输入(DC 24V)
10 右喇叭输出**   11 左喇叭输出**   12 USB输入

蓝牙配对方式*：
手机打开蓝牙配对，搜索并选择 "SMSL BT5.0A"，如果手机显示"已连接"，则表示配对成功，如果无法配对成功，请第8页的蓝牙清除功能，把SA300之前连接的蓝牙设备清除后，再重试！

喇叭输出**：
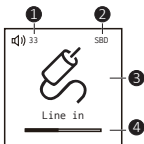连接喇叭时请注意极性，必须按产品标注的极性，以免影响音质。

菜单界面介绍和操作

操作说明

按键
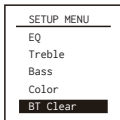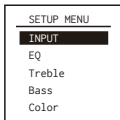
电源按键: 短按一下开机, 再短按一下关机。

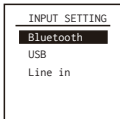输入选择按键: 每按一下, 输入在蓝牙、线路输入、USB之间切换。

旋钮: 按压进入菜单后, 左右旋转进行选择

菜单外: 音量控制

菜单内: 菜单项的控制

❶ 数字式音量指示

❷ 音效指示

❸ 输入选择指示

❹ 条式音量指示

有6页的设置, 屏幕如下图所示。

- INPUT (输入选择)
- EQ (音效模式)
- Treble (高音调整)
- Bass (低音调整)
- Color (显示颜色)
- BT Clear (蓝牙清除)

SETUP MENU

INPUT
EQ
Treble
Bass
Color

SETUP MENU

EQ
Treble
Bass
Color
BT Clear

```
INPUT SETTING
Bluetooth
USB
Line in
```

输入菜单：

- Bluetooth (蓝牙输入)

- USB (USB数字输入)

- Line in (RCA模拟输入)

```
EQ SETTING
Direct
Tone
SDB
Bass
Super Bass
```
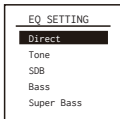
EQ菜单：

- Direct （直通）

- Tone （自定义）

- SDB （SMSL专利音效）

- Bass (低音加强音效)

- Super Bass (低音超强音效)

```
EQ SETTING
Bass
Super Bass
Rock
Soft
Clear
```

- Rock (摇滚乐音效)

- Soft (柔和音效)

- Clear (清晰音效)

```
TREBLE TUNE

+10dB
```
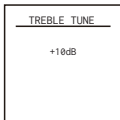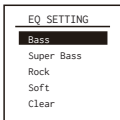
高音调节范围： -10dB~+10dB

注：当EQ处于直通或其他EQ模式时，调节高音，EQ
模式会自动切换到Tone的状态。

```
BASS TUNE

   +10dB
```
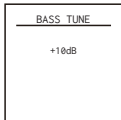
低音调节范围：-10dB~+10dB

注：当EQ处于直通或其他EQ模式时,调节低音,EQ
     模式会自动切换到Tone的状态

```
COLOR SETTING

WHITE
RED
GREEN
BLUE
YELLOW
```
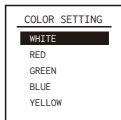
显示颜色设定：

• WHITE （白色）

• RED （红色）

• GREEN （绿色）

• BLUE （蓝色）

• YELLOW （黄色）

```
BT list clear

Turn to Clear
```
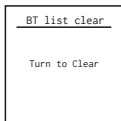
蓝牙清除菜单：

• BT Cleared！（蓝牙设备已清除）

• Turn to Clear
  （旋转旋钮或者按遥控器上下键以清除当前
  蓝牙配对设备）

注:
   如果当前输入不是蓝牙,此设置无效,操作是会显示"It's not BT!
   (这不是蓝牙!)"

恢复出厂设置

机器在未通电状态下，按住电源键再通电，直到显示屏显示logo之后，松开按键。

保修条款

一、服务期限
   佛山双木三林科技有限公司承诺产品的良好品质，产品自售出之后7天内正常使用情况下出现故障，客户可以选择退货或者保修（不影响二次销售才可退货）。正常使用一年内出现故障可以免费保修。

二、购买日期以销售商开出的购机发票或收据日期为准，多购可以交易截图为准。

三、有以下情况都不能享受"三包"服务
   • 一切人为因素损坏，包括非正常工作环境下使用或不按照说明书使用；
   • 用户私自拆机、改装、维修；
   • 使用非指定或许可的配件造成损坏的；
   • 机身的QC或保修贴损毁；
   • 不能出示有效购机凭证；
   • 不属于本公司产品。

四、保修方式为送修
   此条款只适于中国大陆，其它地区请参考当地销售代理商的规定和国家法规。

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SA300

USER MANUAL

http://www.smsl-audio.com/

TIPS

- Install this unit in a well ventilated, cool, dry, clean place-away from direct sunlight, heat sources, vibration, dust, moisture, or cold.

- On the top of this unit, do NOT place:
  -Other components, as they may cause damage or discoloration on the surface of this unit.
  -Combustible (i.e. candles) , as they may cause fire , damage to this unit , or personal injury.
  -Containers with liquid in them, as they may fall and the liquid may cause electrical shock to the user or damage to this unit.

- Do not cover this unit with a newspaper, tablecloth, curtain , etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, or personal injury.

- Use the voltage specified on this unit Only. Using this unit with a higher voltage than specified is dangerous and may cause fire , damage to this unit, or personal injury. SMSL will not be held responsible for any damage resulting from the use of this unit with a voltage other than that specified.

- Do not attempt to modify or fix this unit by yourself. Contact qualified SMSL service personnel when anyservice is needed. The cabinet should never be opened for any reason.

- When not planning to use this unit for long periods of time (i.e. when going on vacation), disconnect the power cable from the AC wall outlet.

- For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

Specification

Inputs ....USB , RCA , BT

THD+N 0.008%

SNR 90dB

Channel separation 88dB

Output Power ....80Wx2(4Ω) / 40Wx2(8Ω)

Power Consumption ....35W(Normal Volume)

Standby power ....<0.5W

Size ....70x73x188mm (WxHxD)

Weight (In shipping carton)...1.2kg
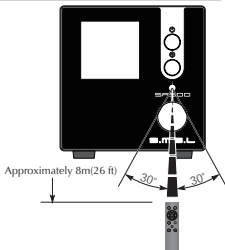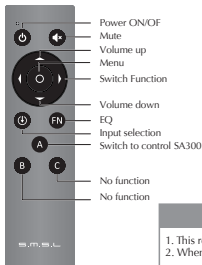
Features

- German Infineon's new technology class D power amplifier chip, higher quality, efficiency up to 92%, further reducing power consumption;

- Using NJRC's electronic volume control chip NJW1194 from Japan, precise volume control and low distortion;

- 32 bits 384KHz USB audio input and support for driver-free use;

- Super bass preamp output for connecting active subwoofers to form a 2.1 audio system;

- Built-in multiple EQ modes and treble / bass adjustment for easy matching of a variety of speakers and music;

- Qualcomm Bluetooth 5.0 receiver, suport APTX, better sound quality, longer transmission distance;

- All aluminum alloy CNC precision processing shell, anodizing technology and chamfering process, exquisite workmanship and delicate touch;

- LCD display and user-friendly operating system are simple and easy to understand, equipped with full-featured remote control function;

- Low power standby function to meet the latest European ErP2 standard;

- A large number of audio grade components are used to enhance the sound experience;

- High quality gold-plated input and output terminals;

- Perfect protection circuit for overheating, overcurrent, etc.

- High quality power adapter specially designed for audio.

Remote Control

• Install 2 x AAA batteries as instructions

• When using the remote control, point it toward the remote con-trol signal receiver on the main unit from a distance of 5 m (16 ft) or less. Do not place obstructions between the main unit and the remote control.

• The remote control might not work if the remote control signal receiver on the unit is exposed to direct sunlight or bright light. If this occurs, try moving the unit.
Beware that use of this remote control could cause the unin-tentional operation of other devices that can be controlled by infra.
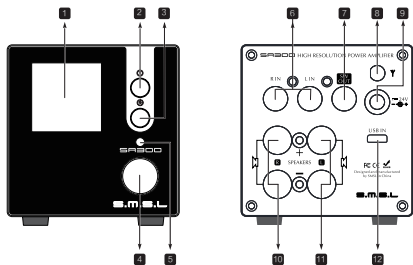
Operating range of the remote control

Power ON/OF
Mute
Volume up
Menu
Switch Function

Volume down
EQ
Input selection
Switch to control SA300

No function

No function

Approximately 8m(26 ft)

30°   30°

Note

1. This remote controller use 2 x R03/AAA battaries;
2. When you first operate SA300,press the A key first.

04

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Display Interface and Instructions

1 Display	2 Power button	3 Input selection button
4 Knob	5 Remote window	6 LINE IN jacks
7 Subwoofer output	8 Bluetooth antenna*	9 Power input (DC 24V)
10 Right speaker output**	11 Left speaker output**	12 USB input

Bluetooth pairing method*:
The phone turns on Bluetooth pairing, searches for and selects "SMSL BT5.0A".
If the phone displays "Connected", the pairing is successful. If the pairing isn't
successful, please refer to the Bluetooth clear function on page 8. After clearing
the Bluetooth device connected to the SA300, please try again!

Speaker output**:
Please pay attention to the polarity when connecting the speakers, it must
follow the mark on the unit, to avoid any effect to the sound quality.

Display Interface and Instructions
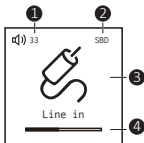
Instructions

BUTTON

Power button: Short press to turn on the power, then short press to turn off the power.

Input selection button: Every time you press , the input will switche between Bluetooth, LINE IN, USB.

KNOB: Press to enter the menu, rotate left and right to select

Outside the menu : Volume control

In the menu : Switch of menu items

❶ ❷

🔊 33   SBD

                                    ❸

    Line in   ❹

❶ Digital volume indicator

❷ Sound indication

❸ Input selection indication

❹ Volume display indication

SETUP MENU
- INPUT
- EQ
- Treble
- Bass
- Color

SETUP MENU
- EQ
- Treble
- Bass
- Color
- BT clear
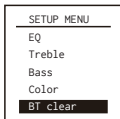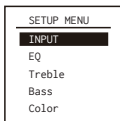
There are 6 pages of settings in this menu.

- INPUT
- EQ
- Treble
- Bass
- Color
- BT Clear

```
  INPUT SETTING
 ┌──────────────┐
 │ Bluetooth    │
 └──────────────┘
   USB
   Line in
```

Input menu：
- Bluetooth
- USB
- Line in

```
   EQ SETTING
 ┌──────────────┐
 │ Direct       │
 └──────────────┘
   Tone
   SDB
   Bass
   Super Bass
```

EQ setup menu：
- Direct
- Tone
- SDB
- Bass
- Super Bass
- Rock
- Soft
- Clear

```
   BT SETTING
 ┌──────────────┐
 │ Bass         │
 └──────────────┘
   Super Bass
   Rock
   Soft
   Clear
```
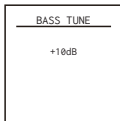
```
  TREBLE TUNE

     +10dB
```

Treble adjustment range： -10dB~+10dB

Note: When the EQ mode is Direct or other EQ
        mode, changing the Treble will change the
        EQ to Tone mode.

```
┌─────────────────────┐
│   BASS TUNE         │
│  ─────────          │
│                     │
│     +10dB           │
│                     │
│                     │
└─────────────────────┘
```

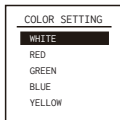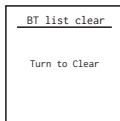**Bass adjustment range:** -10dB~+10dB

Note: When the EQ mode is Direct or other EQ
   mode, changing the Bass will change the
   EQ to Tone mode.

```
┌─────────────────────┐
│   COLOR SETTING     │
│  ─────────────      │
│  ┌──────────────┐   │
│  │ WHITE        │   │
│  └──────────────┘   │
│    RED              │
│    GREEN            │
│    BLUE             │
│    YELLOW           │
└─────────────────────┘
```

Color Setting：

- WHITE
- RED
- GREEN
- BLUE
- YELLOW

```
┌─────────────────────┐
│   BT list clear     │
│  ─────────────      │
│                     │
│   Turn to Clear     │
│                     │
│                     │
└─────────────────────┘
```

BT Clear menu：

- BT Cleared ！(The paired device was cleared!)
- Turn To Clear
  (Rotate the "knob" or press the "up" or "down"
  buttons of the remote control to clear paired
  device.)

Note:

 If the current input is not Bluetooth, this setting is invalid, it will
 show "It's not BT!"

Factory Reset

Connect the power cord when pressing the power button, until the screen shows logo.

Warranty Terms

1.The Term of Service
Foshan Shuangmusanlin Technology Co., Ltd promises to offer good-quality products. If the product is broken in 7 days after purchasing when you use it normally, you can choose to send it back for return, replacement or repairing (only the product does not affect the second sales can be returned). Repairing for free in one year if you use it normally.

2.Date of purchase is in accordance with the date on invoice or receipt uesd by seller, and if you buy it on line, you can show the screenshot of trade.

3.If an inappropriate usage causes the unit damaged, the warranty will be void. As below.

- All damages by inappropriate use, including using it under non-normal working environment or without following the instructions.
- Dismantling, refitting, repairing by user in private.
- Causing damage by using some fittings instead of the designative or accredited ones.
- Cannot provide credible proof of purchase.

4.Sending it back to our company for repairing.

5.Contact your S.M.S.L Audio reseller for a return or replacement.